

01/22/02  
JG490 U.S. PTO

1-24-02

A.

Docket No.: 94004-88216

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

JG497 U.S. PTO  
10/053968  
01/22/02

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Dennis P. Long and Christopher W. Cozort

For: **RAPID RESPONSE ELECTRIC HEAT EXCHANGER**

1. **Type of Application**

This transmittal is for an original (nonprovisional) application.

2. **Papers Enclosed**

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design)  
Application

31 Page(s) of Specification  
9 Page(s) of Claims  
15 Sheet(s) of Drawing(s)--Informal

B. Other Papers Enclosed

2 Page(s) of declaration and power of attorney  
1 Page(s) of abstract

3. **Declaration or Oath**

Enclosed

Executed by: inventors.

4. **Inventorship Statement**

The inventorship for all the claims in this application is the same.

5. **Language**

English

10053968-012202

6. **Fee Calculation (37 C.F.R. Section 1.16)**

Regular Application

CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$740.00
Total Claims (37 CFR 1.16(c))	34	- 20 =	14 x	\$18.00	\$252.00
Independent Claims (37 CFR 1.16(b))	4	- 3 =	1 x	\$84.00	\$84.00
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$280.00	\$0.00
Filing Fee Calculation					\$1,076.00

7. **Small Entity Statement(s)**

Not Applicable.

8. **Fee Payment Being Made at This Time**

Enclosed

Filing Fee	\$1,076.00
<b>Total Fees Enclosed</b>	<b>\$1,076.00</b>

9. **Method of Payment of Fees**

Check in the amount of \$1,076.00 is attached.

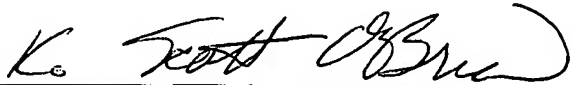
20250601 09:22:10

10. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment amount to Account No. 07-1985.

Date:

1/22/02

  
K. Scott O'Brian, Reg. No. 42,946  
Greensfelder, Hemker & Gale, P.C.  
10 South Broadway  
Suite 2000  
St. Louis, MO 63102  
(314)241-9090

**CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10\***

*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☒ deposited with the United States Postal Service in an envelope addressed to Box Application: Commissioner for Patents, Washington, D.C. 20231.  
37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10\*

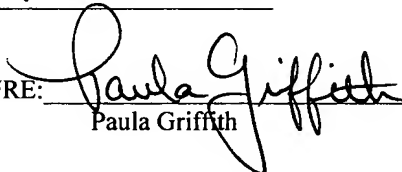
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Paula Griffith